



38-21(15546) Nov 13 2003.ST25.txt
SEQUENCE LISTING

<110> Seale, Jeffrey W.
Vordtriede, Paul B.

<120> Amino Acid Sequence Variant Alfalfa Antifungal Protein and Its Use in Plant Disease Control

<130> 38-21(15546)

<160> 4

<170> PatentIn version 3.1

<210> 1

<211> 135

<212> DNA

<213> Medicago sativa

<220>

<221> CDS

<222> (1)..(135)

<223>

<400> 1
aga aca tgt gag aat ttg gca gat aaa tat agg gga cca tgc ttt agt 48
Arg Thr Cys Glu Asn Leu Ala Asp Lys Tyr Arg Gly Pro Cys Phe Ser
1 5 10 15
ggt tgt gac act cac tgc aca acc aaa gag aac gca gtt agt gga agg 96
Gly Cys Asp Thr His Cys Thr Thr Lys Glu Asn Ala Val Ser Gly Arg
20 25 30
tgt agg gac gac ttc cgc tgc tgg tgt act aaa aga tgt 135
Cys Arg Asp Asp Phe Arg Cys Trp Cys Thr Lys Arg Cys
35 40 45

<210> 2

<211> 45

<212> PRT

<213> Medicago sativa

<400> 2

Arg Thr Cys Glu Asn Leu Ala Asp Lys Tyr Arg Gly Pro Cys Phe Ser
 1 5 10 15

Gly Cys Asp Thr His Cys Thr Thr Lys Glu Asn Ala Val Ser Gly Arg
 20 25 30

Cys Arg Asp Asp Phe Arg Cys Trp Cys Thr Lys Arg Cys
 35 40 45

<210> 3

<211> 135

<212> DNA

<213> Artificial Sequence

<220>

<223> AlfAFP1 D8R

<220>

<221> CDS

<222> (1)..(135)

<223> AlfAFP1 D8R

<400> 3

aga aca tgt gag aat ttg gca aga aaa tat agg gga cca tgc ttt agt 48
 Arg Thr Cys Glu Asn Leu Ala Arg Lys Tyr Arg Gly Pro Cys Phe Ser
 1 5 10 15

ggt tgt gac act cac tgc aca acc aaa gag aac gca gtt agt gga agg 96
 Gly Cys Asp Thr His Cys Thr Thr Lys Glu Asn Ala Val Ser Gly Arg
 20 25 30

tgt agg gac gac ttc cgc tgc tgg tgt act aaa aga tgt 135
 Cys Arg Asp Asp Phe Arg Cys Trp Cys Thr Lys Arg Cys
 35 40 45

<210> 4

<211> 45

38-21(15546) Nov 13 2003.ST25.txt

<212> PRT

<213> Artificial Sequence

<220>

<223> AlfAFP1 D8R

<400> 4

Arg Thr Cys Glu Asn Leu Ala Arg Lys Tyr Arg Gly Pro Cys Phe Ser
1 5 10 15

Gly Cys Asp Thr His Cys Thr Thr Lys Glu Asn Ala Val Ser Gly Arg
20 25 30

Cys Arg Asp Asp Phe Arg Cys Trp Cys Thr Lys Arg Cys
35 40 45